



Replacement Sheet

DIAGRAM OF THE PRESENT INVENTION
PPP OVER SONET/SDH

10

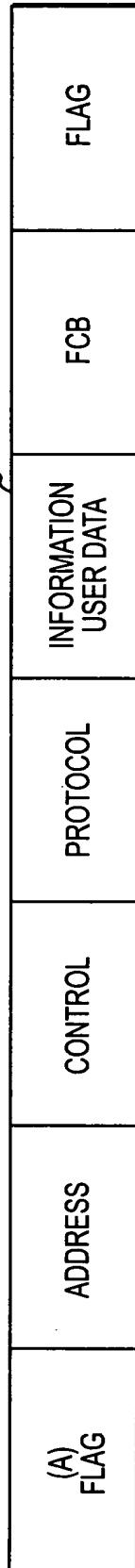


FIG. 1(A)

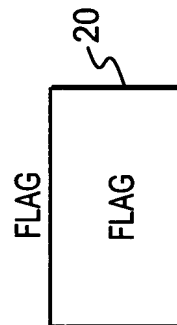


FIG. 1(B)

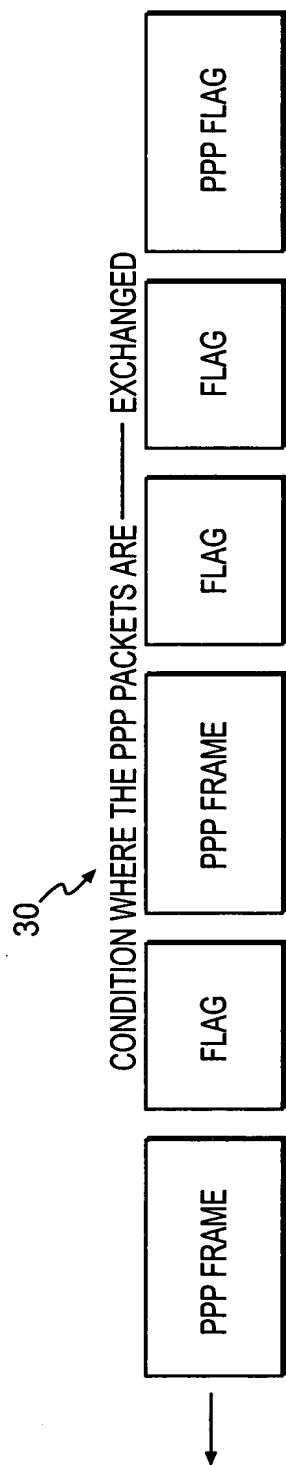


FIG. 1(C)

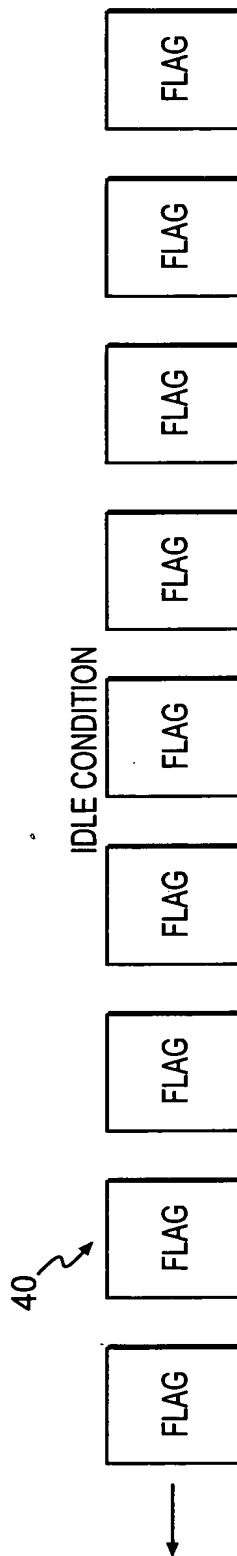


FIG. 1(D)

STRUCTURE OF COMMUNICATION APPARATUS OF THE
PRESENT INVENTION

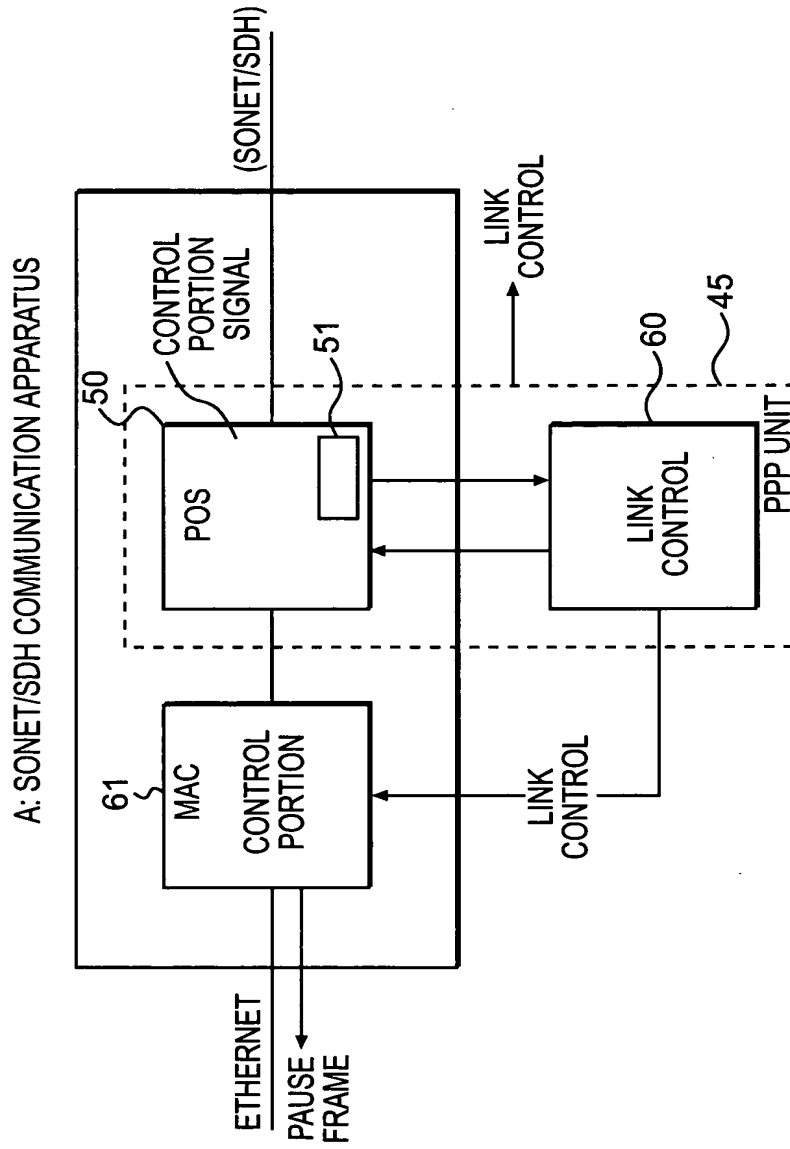


FIG. 2

Replacement Sheet

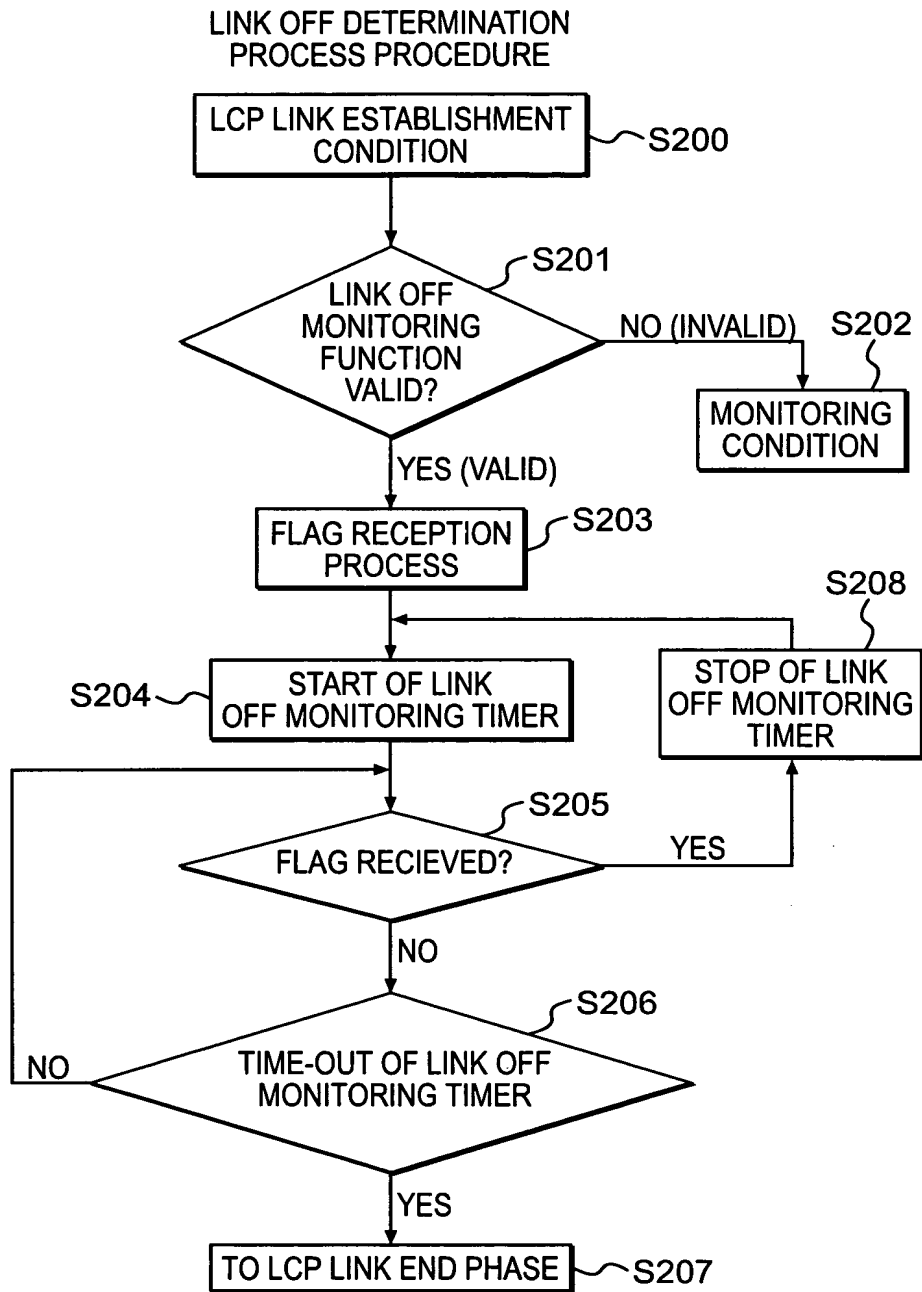
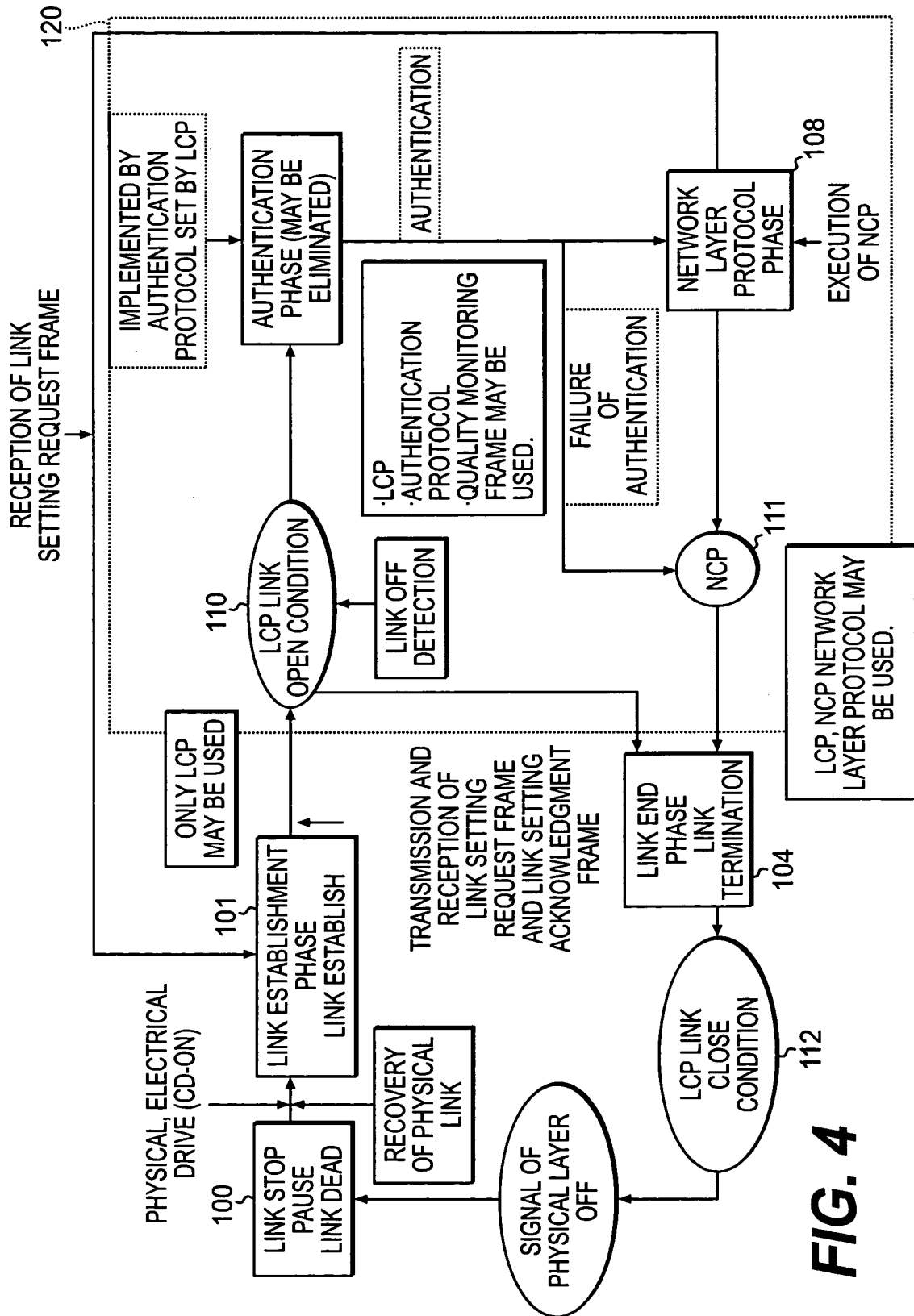


FIG. 3



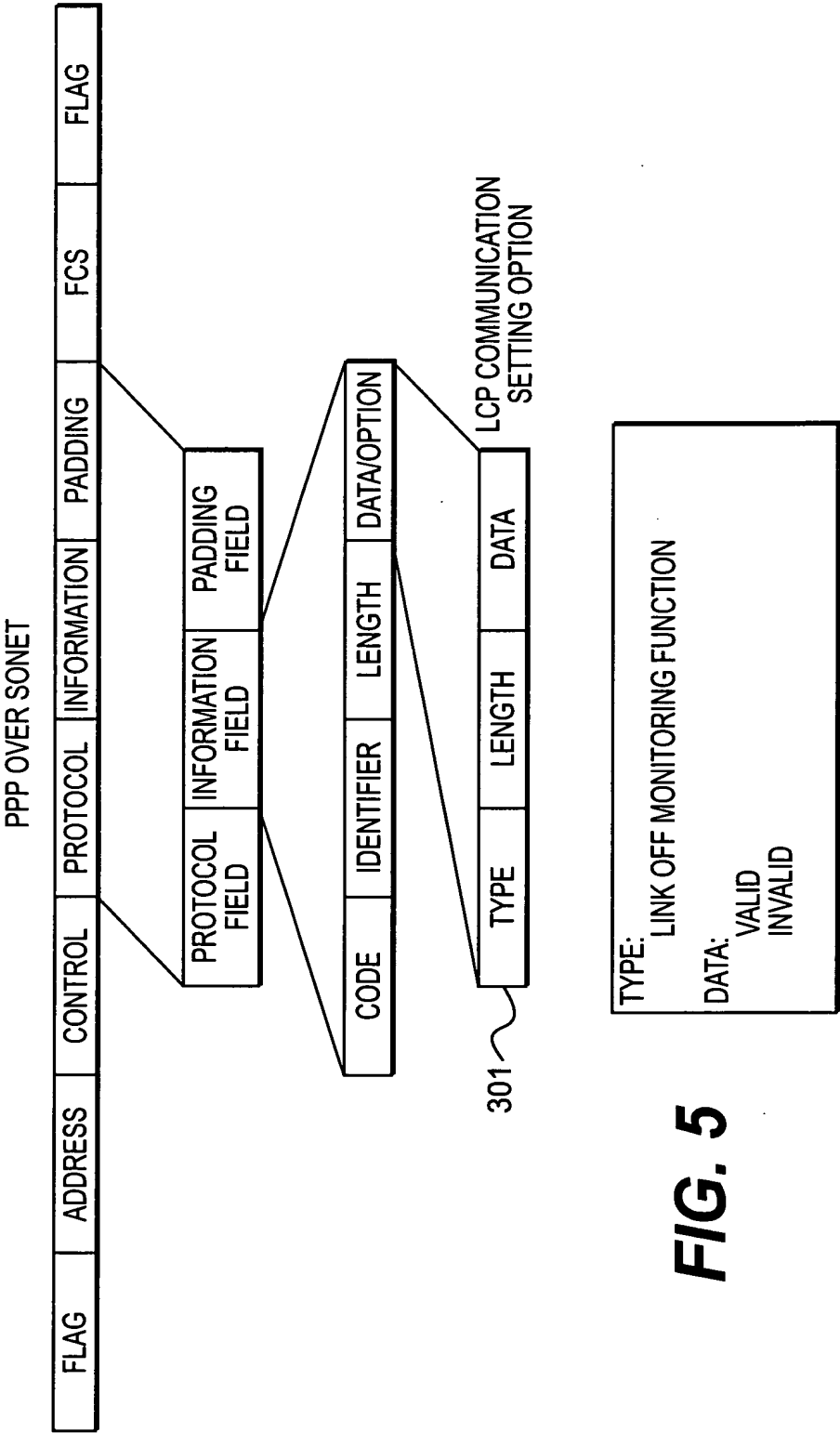


FIG. 5

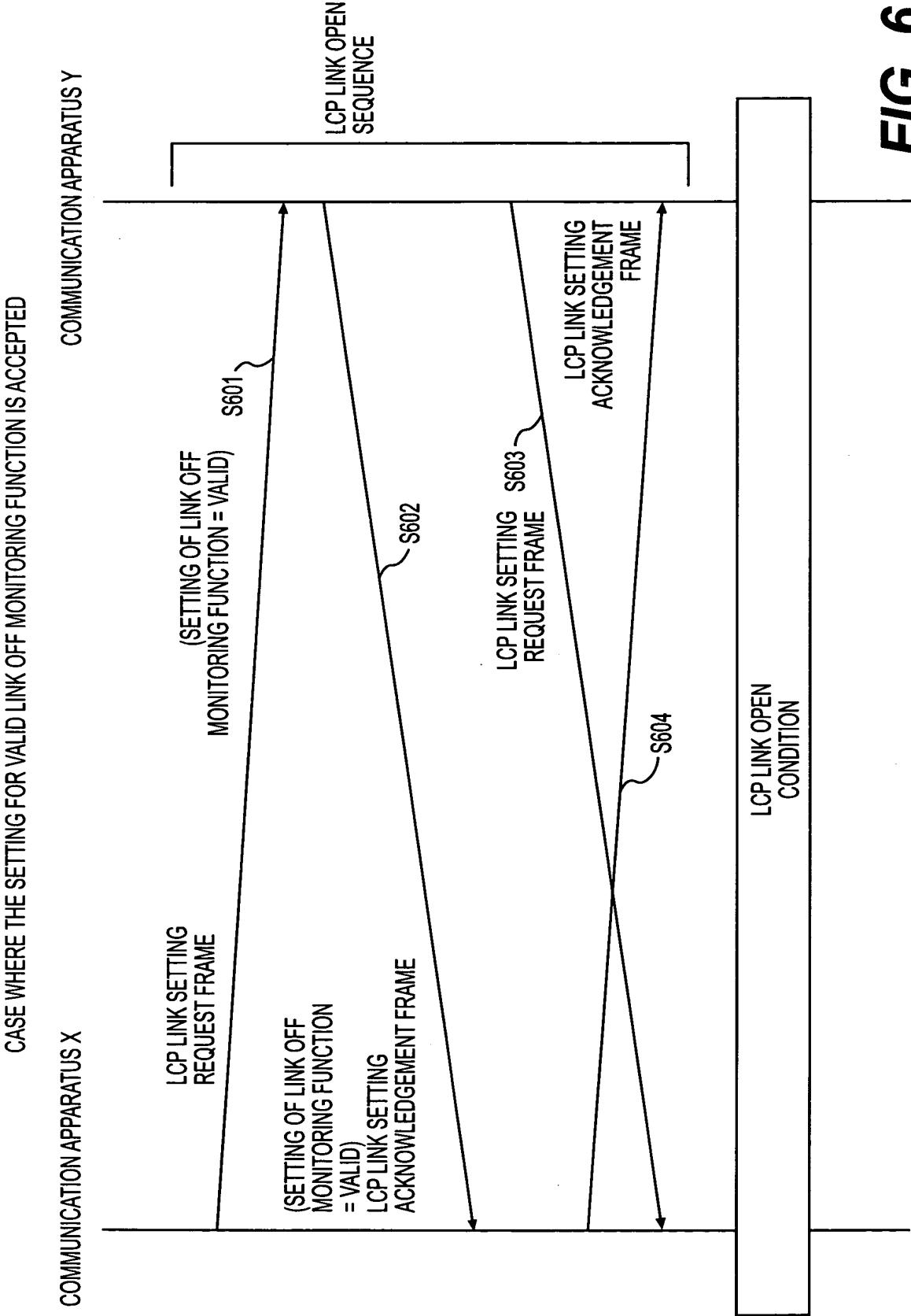


FIG. 6

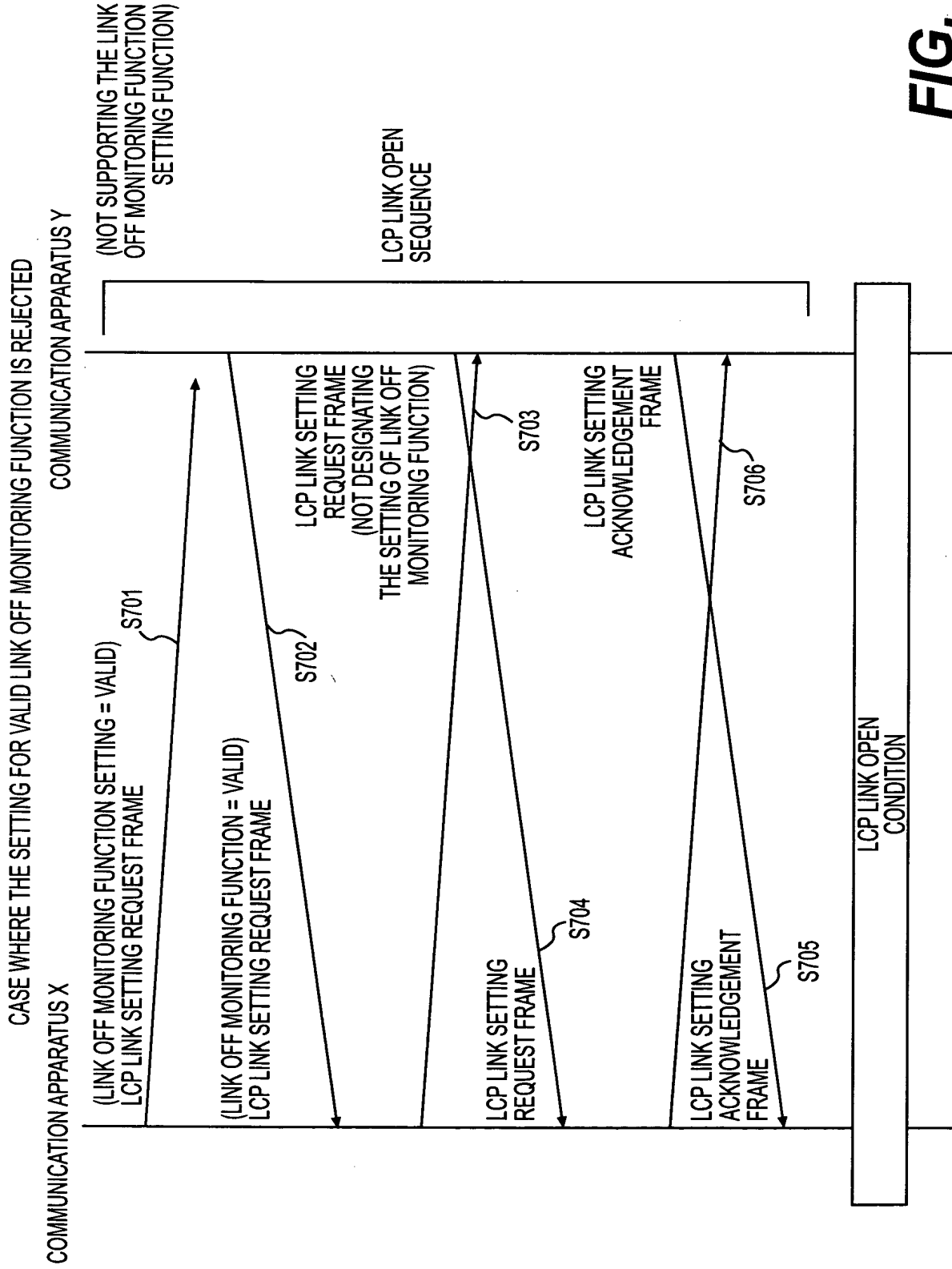


FIG. 7

PAUSE FRAME FORMAT								
PREAMBLE	SFD	DESTINATION ADDRESS	TRANSMISSION SOURCE ADDRESS	LENGTH/TYPE	MANIPULATION CODE	INTERMISSION TIME	PADDING	FCS
7	1	6	6	2	2	2	42	4(OCTET)

INTERMISSION TIME
(TRANSMISSION OF MAC FRAME IS INTERRUPTED ONLY FOR THE TIME (DESIGNATED INTERMISSION TIME X 512 BITS)
512 BITS MEANS THE TIME REQUIRED FOR TRANSMISSION OF 512 BITS IN THE DESIRED TRANSMISSION RATE.
SINCE 51.2 μSEC for 10 BASE - * (10MBPS)
5.12 μSEC for 100 BASE - * (100MBPS)
512 μSEC for 1000 BASE - * (1GBPS)
AND THE MAXIMUM VALUE OF THE INTERMISSION TIME IS 65.535, FOLLOWING INTERMISSION TIMES MAY BE DESIGNATED:
0-0.33 SEC FOR 10 BASE - * (10MBPS)
0-330 μSEC FOR 100 BASE - * (100MBPS)
0-33 μSEC FOR 1000 BASE - * (1GBPS)
HERE INTERMISSION TIME = 0 IS USED TO INSTRUCT THE RE-START OF THE TRANSMISSION.

FIG. 8

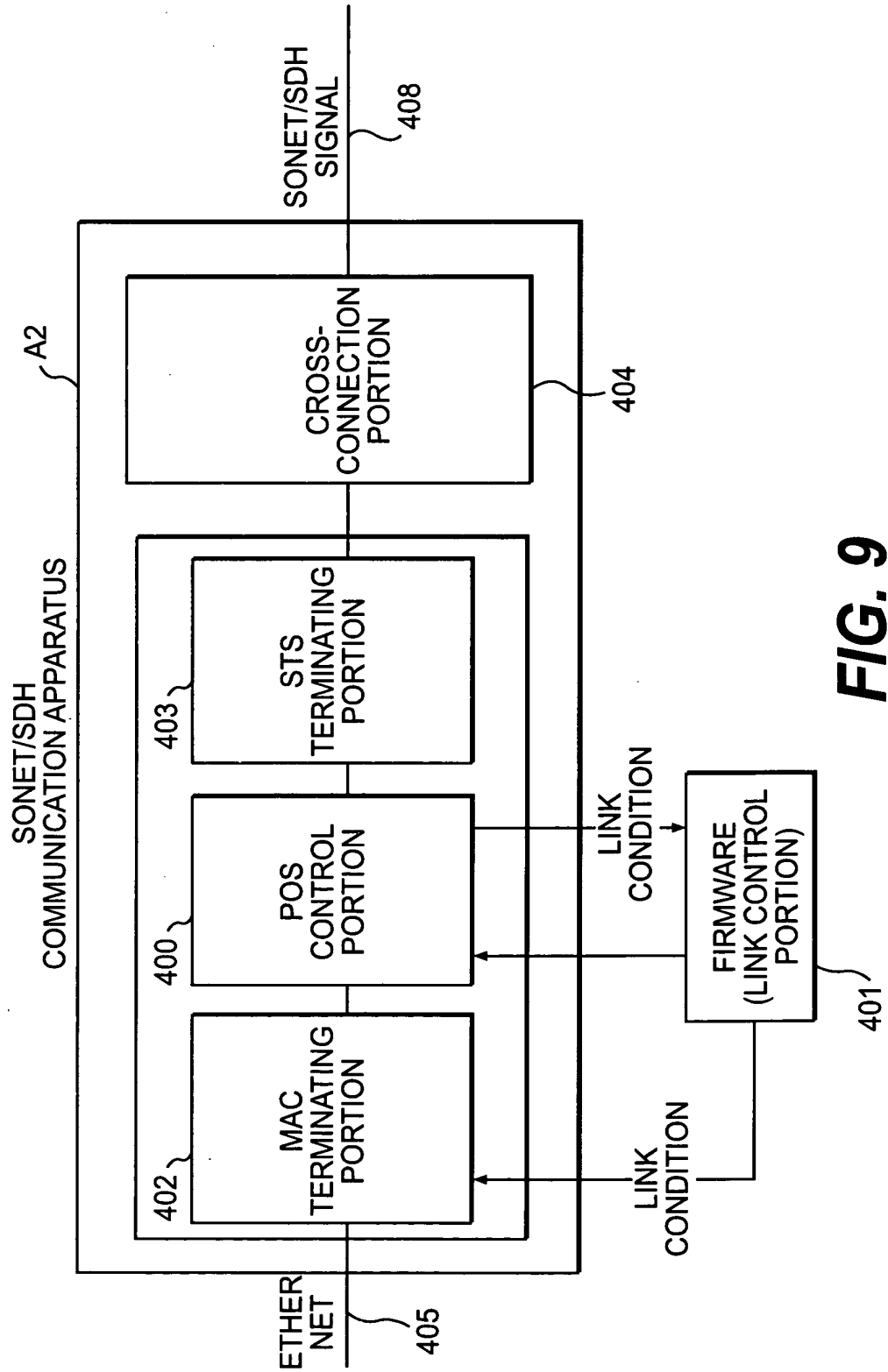


FIG. 9

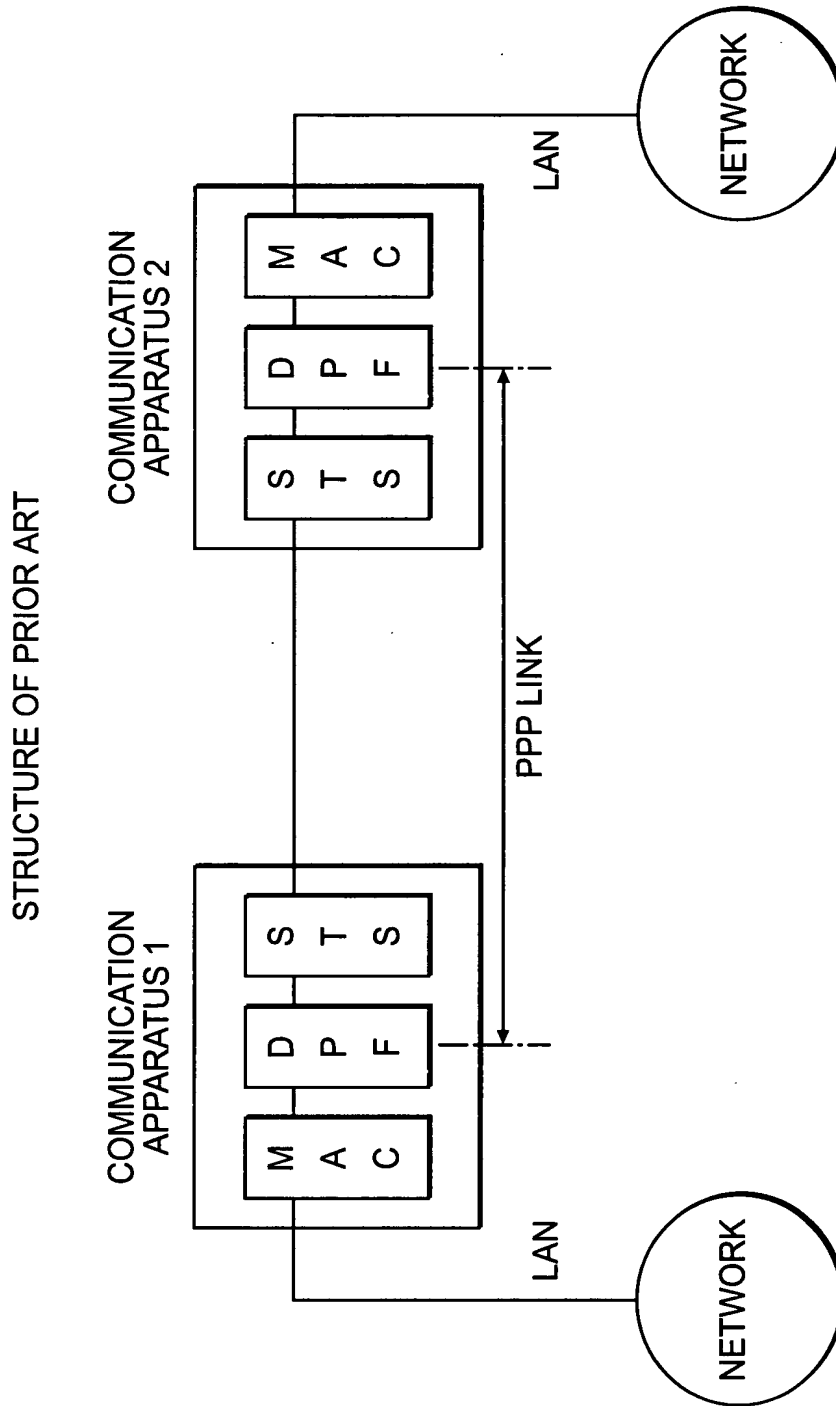


FIG. 10

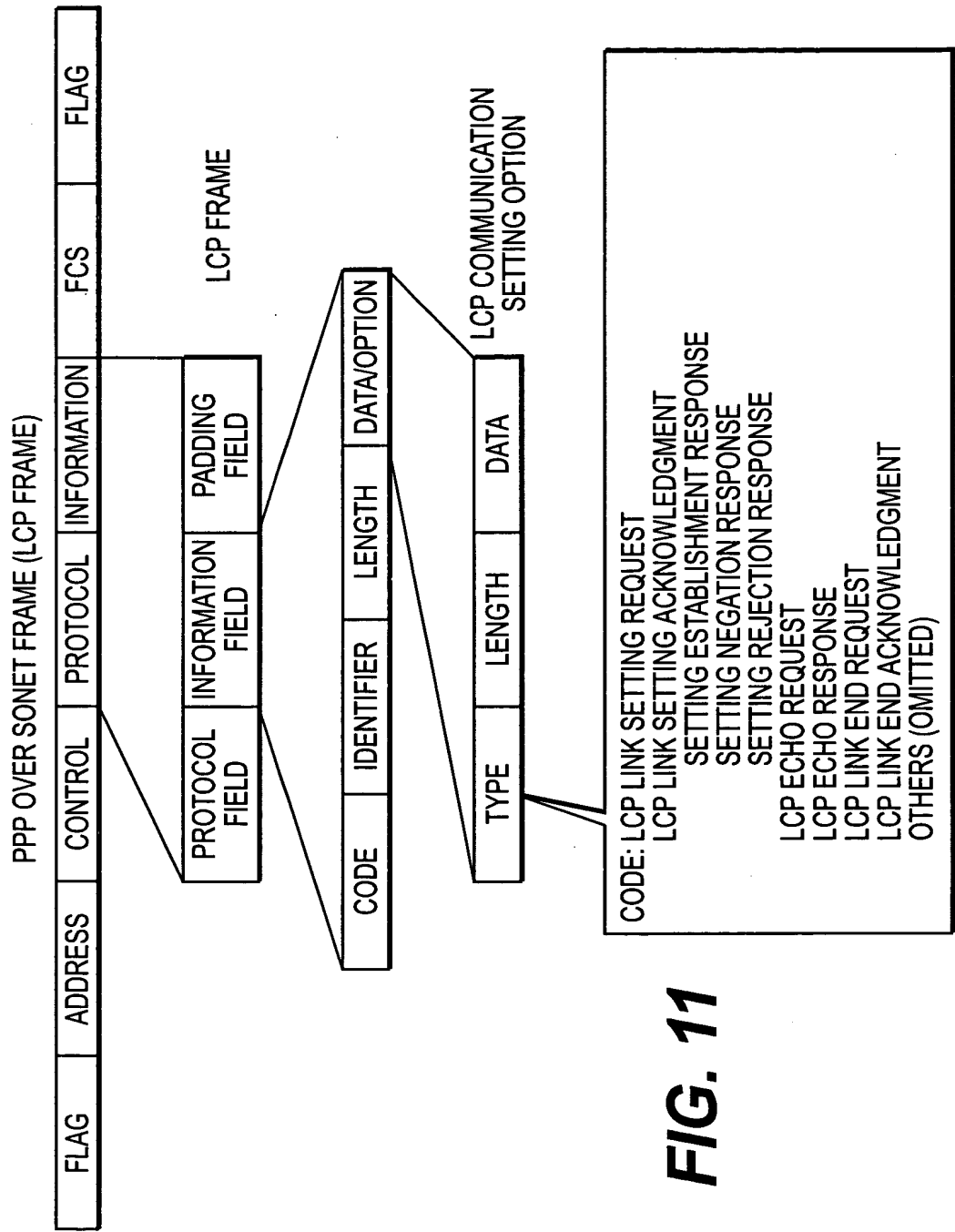


FIG. 11

Replacement Sheet

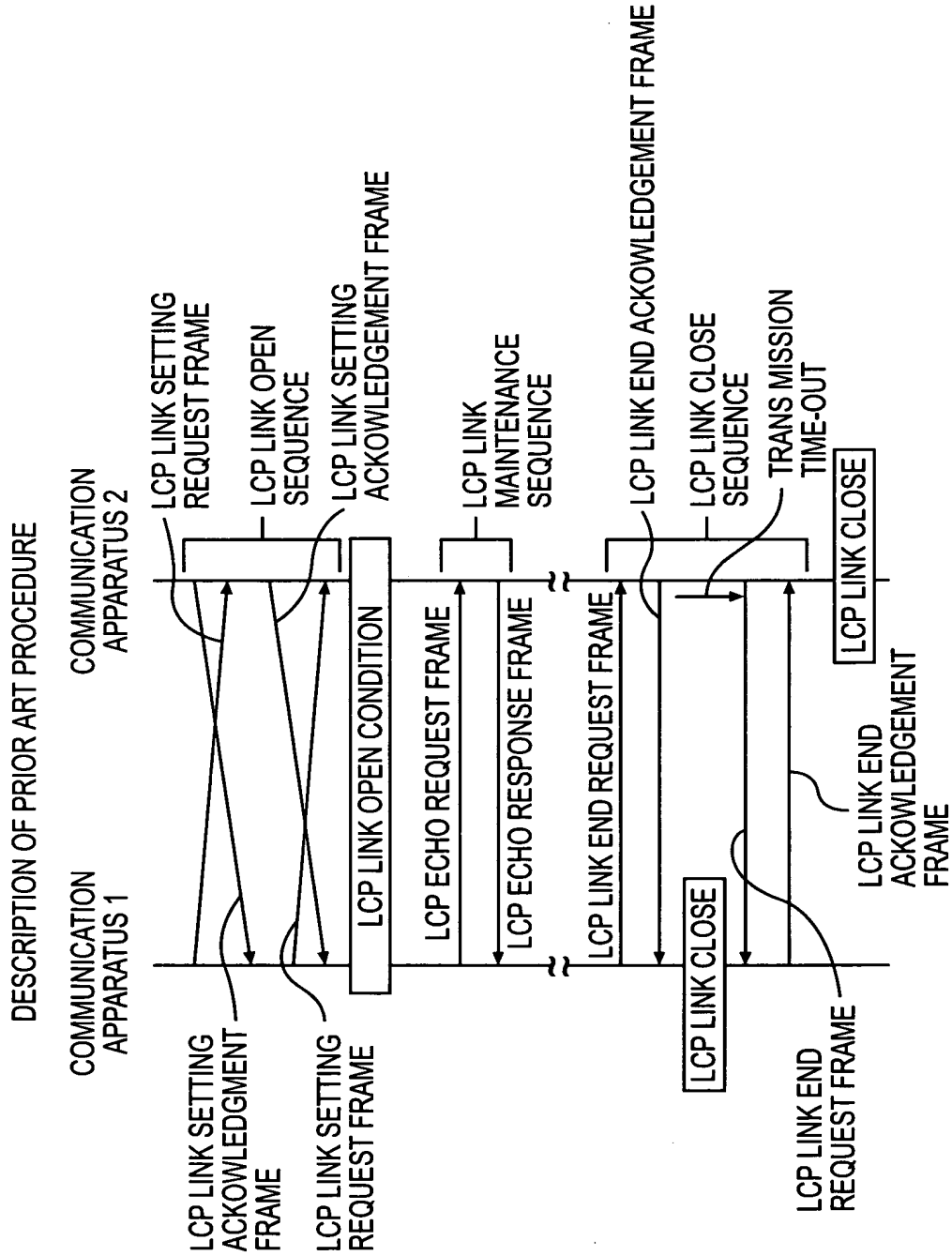


FIG. 12